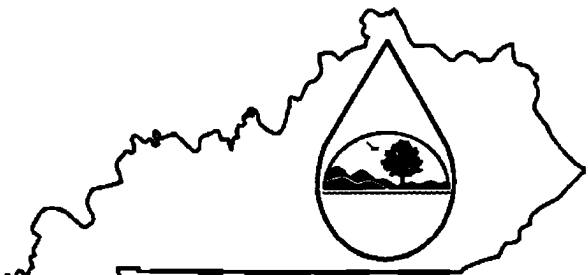


# KPDES FORM 1

A13830

	<p><b>KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM</b></p> <div style="border: 2px solid black; padding: 5px; display: inline-block; text-align: left;"> <p style="font-size: 2em; margin: 0;">RECEIVED</p> <p style="margin: 0;">JUN 02 2008</p> <p style="margin: 0;">By _____</p> </div> <p><b>PERMIT APPLICATION</b></p>
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This is an application to: (check one)

- ☐ Apply for a new permit.  
☒ Apply for reissuance of expiring permit.  
☐ Apply for a construction permit.  
☐ Modify an existing permit.

Give reason for modification under Item II.A.

A complete application consists of this form and one of the following:

Form A, Form B, Form C, Form F, or Form SC

For additional information contact:

KPDES Branch (502) 564-3410

<p><b>I. FACILITY LOCATION AND CONTACT INFORMATION</b></p> <p>A. Name of business, municipality, company, etc. requesting permit <b>City of Science Hill</b></p> <p>B. Facility Name and Location <b>Science Hill Waste Water Treatment Plant</b></p> <p>Facility Location Name: <b>Same</b></p> <p>Facility Location Address (i.e. street, road, etc., not PO Box): <b>400 Ebright Street</b></p> <p>Facility Location City, State, Zip Code: <b>Science Hill, KY 42553</b></p>	<p>AGENCY USE <div style="border: 1px solid black; padding: 2px; display: inline-block;">0094447</div></p> <p>C. Primary Mailing Address (all facility correspondence will be sent to this address). Include owner mailing address on a separate sheet if different.</p> <p>Facility Contact Name and Title: Mr. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> <b>William R. Gossett City Supervisor</b></p> <p>Mailing Address: <b>P.O. Box 97</b></p> <p>Mailing City, State, Zip Code: <b>Science Hill, KY 42553</b></p> <p>Facility Contact Telephone Number: <b>606-423-4109</b></p>
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<b>II. FACILITY DESCRIPTION</b>			
A. Provide a brief description of activities, products, etc:			
<b>Engaged in collection, treatment and disposal of domestic waste</b>			
B. Standard Industrial Classification (SIC) Code and Description			
Principal SIC Code & Description:			
Other SIC Codes:			

<b>III. FACILITY LOCATION</b>	
A. Attach a U.S. Geological Survey 7 1/2 minute quadrangle map for the site. (See instructions)	
B. County where facility is located: <b>Pulaski</b>	City where facility is located (if applicable): <b>Science Hill</b>
C. Body of water receiving discharge: <b>Bobbitt's branch .53 miles to Big Clifty at mile point 6.45</b>	
D. Facility Site Latitude (degrees, minutes, seconds): <b>37 10.669 N</b>	Facility Site Longitude (degrees, minutes, seconds): <b>84 38.490 W</b>
E. Method used to obtain latitude & longitude (see instructions): <b>G.P.S.</b>	
F. Facility Dun and Bradstreet Number (DUNS #) (if applicable):	

<b>IV. OWNER/OPERATOR INFORMATION</b>	
A. Type of Ownership: <input type="checkbox"/> Publicly Owned <input checked="" type="checkbox"/> Privately Owned <input type="checkbox"/> State Owned <input type="checkbox"/> Both Public and Private Owned <input type="checkbox"/> Federally owned	
B. Operator Contact Information (See instructions)	
Name of Treatment Plant Operator: <b>Dallas Blanton</b>	Telephone Number: <b>606-423-2665</b>
Operator Mailing Address (Street): <b>P.O. Box 97</b>	
Operator Mailing Address (City, State, Zip Code): <b>Science Hill, KY 42553</b>	
Is the operator also the owner? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the operator certified? If yes, list certification class and number below. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Certification Class: <b>III</b>	Certification Number: <b>7394</b>

<b>V. EXISTING ENVIRONMENTAL PERMITS</b>		
Current NPDES Number: <b>KY0094447</b>	Issue Date of Current Permit: <b>2005</b>	Expiration Date of Current Permit: <b>11/30/08</b>
Number of Times Permit Reissued: <b>5</b>	Date of Original Permit Issuance: <b>1992</b>	Sludge Disposal Permit Number:
Kentucky DOW Operational Permit #:	Kentucky DSMRE Permit Number(s):	

Which of the following additional environmental permit/registration categories will also apply to this facility?

CATEGORY	EXISTING PERMIT WITH NO.	PERMIT NEEDED WITH PLANNED APPLICATION DATE
Air Emission Source		
Solid or Special Waste		
Hazardous Waste - Registration or Permit		

<b>VI. DISCHARGE MONITORING REPORTS (DMRs)</b>
--

KPDES permit holders are required to submit DMRs to the Division of Water on a regular schedule (as defined by the KPDES permit). Information in this section serves to specifically identify the name and telephone number of the DMR official and the DMR mailing address (if different from the primary mailing address in Section I.C).

A. DMR Official (i.e., the department, office or individual designated as responsible for submitting DMR forms to the Division of Water):	<b>William Robbie Gossett</b>
DMR Official Telephone Number:	<b>606-423-4109</b>

B. DMR Mailing Address:	
<ul style="list-style-type: none"> <li>Address the Division of Water will use to mail DMR forms (if different from mailing address in Section I.C), or</li> <li>Contact address if another individual, company, laboratory, etc. completes DMRs for you; e.g., contract laboratory address.</li> </ul>	
DMR Mailing Name:	<b>Columbia Regional Office D.M.R.</b>
DMR Mailing Address:	<b>2751 Campbellsville Road</b>
DMR Mailing City, State, Zip Code:	<b>Columbia, KY 42728</b>


## VII. APPLICATION FILING FEE

KPDES regulations require that a permit applicant pay an application filing fee equal to twenty percent of the permit base fee. Please examine the base and filing fees listed below and in the Form 1 instructions and enclose a check payable to "Kentucky State Treasurer" for the appropriate amount (for permit renewals, please include the KPDES permit number on the check to ensure proper crediting). Descriptions of the base fee amounts are given in the "General Instructions."

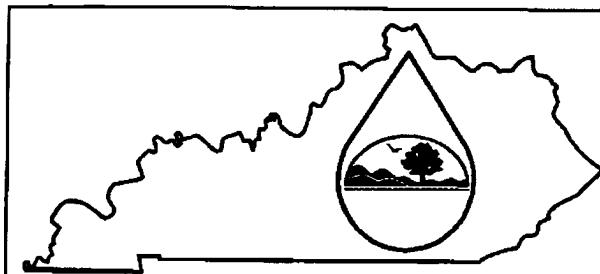
Facility Fee Category: N/A	Filing Fee Enclosed:
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## VIII. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME AND OFFICIAL TITLE (type or print): Mr. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> William R. Gossett	TELEPHONE NUMBER (area code and number): 606-423-4109
SIGNATURE 	DATE: 5/28/08

# KPDES FORM A



## KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

### PERMIT APPLICATION

A complete application consists of this form and Form 1.  
For additional information, contact KPDES Branch (502) 564-3410.

APPLICATION OVERVIEW	AGENCY USE							
<p>Form A has been developed in a modular format and consists of a "Basic Application Information" packet and a "Supplemental Application Information" packet. The Basic Application Information packet is divided into two parts. All applicants must complete Parts A and C. Applicants with a design flow greater than or equal to 0.1 mgd must also complete Part B. Some applicants must also complete the Supplemental Application Information packet. The following items explain which parts of Form A you must complete.</p>								
<p><b>BASIC APPLICATION INFORMATION:</b></p> <p>A. <b>Basic Application Information for all Applicants.</b> All applicants must complete questions A.1 through A.8. A treatment works that discharges effluent to surface waters of the United States must also answer questions A.9 through A.12.</p> <p>B. <b>Additional Application Information for Applicants with a Design Flow <math>\geq</math> 0.1 mgd.</b> All treatment works that have design flows greater than or equal to 0.1 million gallons per day must complete questions B.1 through B.6.</p> <p>C. <b>Certification.</b> All applicants must complete Part C (Certification).</p>								
<p><b>SUPPLEMENTAL APPLICATION INFORMATION:</b></p> <p>D. <b>Expanded Effluent Testing Data.</b> A treatment works that discharges effluent to surface waters of the United States and meets one or more of the following criteria must complete Part D (Expanded Effluent Testing Data):</p> <ol style="list-style-type: none"> <li>1. Has a design flow rate greater than or equal to 1 mgd,</li> <li>2. Is required to have a pretreatment program (or has one in place), or</li> <li>3. Is otherwise required by the permitting authority to provide the information.</li> </ol> <p>E. <b>Toxicity Testing Data.</b> A treatment works that meets one or more of the following criteria must complete Part E (Toxicity Testing Data):</p> <ol style="list-style-type: none"> <li>1. Has a design flow rate greater than or equal to 1 mgd,</li> <li>2. Is required to have a pretreatment program (or has one in place), or</li> <li>3. Is otherwise required by the permitting authority to submit results of toxicity testing.</li> </ol> <p>F. <b>Industrial User Discharges and RCRA/CERCLA Wastes.</b> A treatment works that accepts process wastewater from any significant industrial users (SIUs) or receives RCRA or CERCLA wastes must complete Part F (Industrial User Discharges and RCRA/CERCLA Wastes). SIUs are defined as:</p> <ol style="list-style-type: none"> <li>1. All industrial users subject to Categorical Pretreatment Standards under 40 Code of Federal Regulations (CFR) 403.6 and 40 CFR Chapter I, Subchapter N (see instructions); and</li> <li>2. Any other industrial user that: <ol style="list-style-type: none"> <li>a. Discharges an average of 25,000 gallons per day or more of process wastewater to the treatment works (with certain exclusions); or</li> <li>b. Contributes a process wastestream that makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the treatment plant; or</li> <li>c. Is designated as an SIU by the control authority.</li> </ol> </li> </ol> <p>G. <b>Combined Sewer Systems.</b> A treatment works that has a combined sewer system must complete Part G (Combined Sewer Systems).</p>								
<p><b>ALL APPLICANTS MUST COMPLETE PART C (CERTIFICATION)</b></p>								

## BASIC APPLICATION INFORMATION

### PART A. BASIC APPLICATION INFORMATION FOR ALL APPLICANTS:

All treatment works must complete questions A.1 through A.8 of this Basic Application Information packet.

#### A.1. Facility Information.

Facility name Science Hill Waste Water Treatment Plant

Mailing Address P.O. Box 97

Science Hill, KY 42553

Contact person Robbie Gossett

Title Administrator

Telephone number 606-423-4109

Facility Address 400 Ebright Street

(not P.O. Box) Science Hill, KY 42553

#### A.2. Applicant Information. If the applicant is different from the above, provide the following:

Applicant name \_\_\_\_\_

Mailing Address \_\_\_\_\_

Contact person \_\_\_\_\_

Title \_\_\_\_\_

Telephone number \_\_\_\_\_

Is the applicant the owner or operator (or both) of the treatment works?



Owner



Operator

Indicate whether correspondence regarding this permit should be directed to the facility or the applicant.



Facility



Applicant

#### A.3. Existing Environmental Permits. Provide the permit number of any existing environmental permits that have been issued to the treatment works (include state-issued permits).

KPDES KY0094447

PSD \_\_\_\_\_

UIC \_\_\_\_\_

Other \_\_\_\_\_

RCRA \_\_\_\_\_

Other \_\_\_\_\_

#### A.4. Collection System Information. Provide information on municipalities and areas served by the facility. Provide the name and population of each entity and, if known, provide information on the type of collection system (combined vs. separate) and its ownership (municipal, private, etc.).

Name

Population Served

Type of Collection System

Ownership

Science Hill

945

Total population served

945

**A.5. Indian Country.**

- a. Is the treatment works located in Indian Country?

☐ Yes ☒ No

- b. Does the treatment works discharge to a receiving water that is either in Indian Country or that is upstream from (and eventually flows through) Indian Country?

☐ Yes ☒ No

- A.6. Flow.** Indicate the design flow rate of the treatment plant (i.e., the wastewater flow rate that the plant was built to handle). Also provide the average daily flow rate and maximum daily flow rate for each of the last three years. Each year's data must be based on a 12-month time period with the 12th month of "this year" occurring no more than three months prior to this application submittal.

- a. Design flow rate 0.150 mgd

	<u>Two Years Ago</u>	<u>Last Year</u>	<u>This Year</u>	
b. Annual average daily flow rate	<u>0.068</u>	<u>0.046</u>	<u>0.072</u>	mgd
c. Maximum daily flow rate	<u>0.390</u>	<u>0.357</u>	<u>0.370</u>	mgd

- A.7. Collection System.** Indicate the type(s) of collection system(s) used by the treatment plant. Check all that apply. Also estimate the percent contribution (by miles) of each.

☐ Separate sanitary sewer \_\_\_\_\_ %  
☐ Combined storm and sanitary sewer \_\_\_\_\_ %

**A.8. Discharges and Other Disposal Methods.**

- a. Does the treatment works discharge effluent to waters of the U.S.?

☒ Yes ☐ No

If yes, list how many of each of the following types of discharge points the treatment works uses:

i. Discharges of treated effluent	<u>1</u>
ii. Discharges of untreated or partially treated effluent	<u>0</u>
iii. Combined sewer overflow points	<u>0</u>
iv. Constructed emergency overflows (prior to the headworks)	<u>0</u>
v. Other _____	<u>0</u>

- b. Does the treatment works discharge effluent to basins, ponds, or other surface impoundments that do not have outlets for discharge to waters of the U.S.?

☐ Yes ☒ No

If yes, provide the following for each surface impoundment:

Location: \_\_\_\_\_

Annual average daily volume discharged to surface impoundment(s) \_\_\_\_\_ mgd

Is discharge ☐ continuous or ☐ intermittent?

- c. Does the treatment works land-apply treated wastewater?

☐ Yes ☒ No

If yes, provide the following for each land application site:

Location: \_\_\_\_\_

Number of acres: \_\_\_\_\_

Annual average daily volume applied to site: \_\_\_\_\_ mgd

Is land application ☐ continuous or ☐ intermittent?

- d. Does the treatment works discharge or transport treated or untreated wastewater to another treatment works?

☐ Yes ☒ No

If yes, describe the mean(s) by which the wastewater from the treatment works is discharged or transported to the other treatment works (e.g., tank truck, pipe).

If transport is by a party other than the applicant, provide:

Transporter name:

Mailing Address:

Contact person:

Title:

Telephone number:

For each treatment works that receives this discharge, provide the following:

Name:

Mailing Address:

Contact person:

Title:

Telephone number:

If known, provide the KPDES permit number of the treatment works that receives this discharge.

Provide the average daily flow rate from the treatment works into the receiving facility.

\_\_\_\_\_ mgd

- e. Does the treatment works discharge or dispose of its wastewater in a manner not included in A.8.a through A.8.d above (e.g., underground percolation, well injection)?

☐

Yes

☒

No

If yes, provide the following for each disposal method:

Description of method (including location and size of site(s) if applicable):

Annual daily volume disposed of by this method:

Is disposal through this method

☐

continuous or

☐

intermittent?

**WASTEWATER DISCHARGES:**

If you answered "yes" to question A.8.a, complete questions A.9 through A.12 once for each outfall (including bypass points) through which effluent is discharged. Do not include information on combined sewer overflows in this section. If you answered "no" to question A.8.a, go to Part B, "Additional Application Information for Applicants with a Design Flow Greater than or Equal to 0.1 mgd."

**A.9. Description of Outfall.**

- a. Outfall number 1
- b. Location Science Hill 42553  
(City or town, if applicable) (Zip Code)  
Pulaski KY  
(County) (State)  
37 10.669n 84 38.490w  
(Latitude) (Longitude)
- c. Distance from shore (if applicable) \_\_\_\_\_ ft.
- d. Depth below surface (if applicable) \_\_\_\_\_ ft.
- e. Average daily flow rate 0.072 mgd
- f. Does this outfall have either an intermittent or a periodic discharge?  
☐ Yes ☐ No (go to A.9.g.)
- If yes, provide the following information:
- Number of times per year discharge occurs: 24/7/365
- Average duration of each discharge: 24 hrs
- Average flow per discharge: 0.072 mgd
- Months in which discharge occurs: Jan/Dec
- g. Is outfall equipped with a diffuser? ☐ Yes ☒ No

**A.10. Description of Receiving Waters.**

- a. Name of receiving water Bobbitt's Branch
- b. Name of watershed (if known) Lake Cumberland
- United States Soil Conservation Service 14-digit watershed code (if known): \_\_\_\_\_
- c. Name of State Management/River Basin (if known): Corps of Engineers
- United States Geological Survey 8-digit hydrologic cataloging unit code (if known): \_\_\_\_\_
- d. Critical low flow of receiving stream (if applicable):  
acute \_\_\_\_\_ cfs chronic \_\_\_\_\_ cfs
- e. Total hardness of receiving stream at critical low flow (if applicable): \_\_\_\_\_ mg/l of CaCO<sub>3</sub>



**A.11. Description of Treatment.**

a. What levels of treatment are provided? Check all that apply.

☒ Primary

☒ Secondary

☐ Advanced

☐ Other. Describe: \_\_\_\_\_

b. Indicate the following removal rates (as applicable):

Design BOD<sub>5</sub> removal or Design CBOD<sub>5</sub> removal

80 %

Design SS removal

80 %

Design P removal

80 %

Design N removal

80 %

Other \_\_\_\_\_ %

c. What type of disinfection is used for the effluent from this outfall? If disinfection varies by season, please describe.

Chlorine

If disinfection is by chlorination, is dechlorination used for this outfall?

☒ Yes

☐ No

d. Does the treatment plant have post aeration?

☒ Yes

☐ No

**A.12. Effluent Testing Information.** All Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three samples and must be no more than four and one-half years apart.

Outfall number: 1

PARAMETER	MAXIMUM DAILY VALUE		AVERAGE DAILY VALUE		
	Value	Units	Value	Units	Number of Samples
pH (Minimum)	6.0	s.u.			
pH (Maximum)	8.2	s.u.			
Flow Rate	0.390	MGD	0.072	MGD	
Temperature (Winter)	-4	C	1	C	
Temperature (Summer)	39	C	37	C	

\* For pH please report a minimum and a maximum daily value

POLLUTANT	MAXIMUM DAILY DISCHARGE		AVERAGE DAILY DISCHARGE			ANALYTICAL METHOD	ML / MDL
	Conc.	Units	Conc.	Units	Number of Samples		

**CONVENTIONAL AND NONCONVENTIONAL COMPOUNDS.**

BIOCHEMICAL OXYGEN DEMAND (Report one)	BOD-5	4	mg/l	1	mg/l	4		
	CBOD-5	4	mg/l	1	mg/l	4		
FECAL COLIFORM		600	mg/l	10	mg/l	4		
TOTAL SUSPENDED SOLIDS (TSS)		10	mg/l	1	mg/l	4		

**END OF PART A.**

**REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM A YOU MUST COMPLETE**

## BASIC APPLICATION INFORMATION

### PART B. ADDITIONAL APPLICATION INFORMATION FOR APPLICANTS WITH A DESIGN FLOW GREATER THAN OR EQUAL TO 0.1 MGD (100,000 gallons per day).

All applicants with a design flow rate  $\geq 0.1$  mgd must answer questions B.1 through B.6. All others go to Part C (Certification).

**B.1. Inflow and Infiltration.** Estimate the average number of gallons per day that flow into the treatment works from inflow and/or infiltration.

0.020 gpd

Briefly explain any steps underway or planned to minimize inflow and infiltration.

City has ordered smoke machine to attempt to locate both and have requested D.O.W. bring camera system for line inspections

**B.2. Topographic Map.** Attach to this application a topographic map of the area extending at least one mile beyond facility property boundaries. This map must show the outline of the facility and the following information. (You may submit more than one map if one map does not show the entire area.)

- The area surrounding the treatment plant, including all unit processes.
- The major pipes or other structures through which wastewater enters the treatment works and the pipes or other structures through which treated wastewater is discharged from the treatment plant. Include outfalls from bypass piping, if applicable.
- Each well where wastewater from the treatment plant is injected underground.
- Wells, springs, other surface water bodies, and drinking water wells that are: 1) within 1/4 mile of the property boundaries of the treatment works, and 2) listed in public record or otherwise known to the applicant.
- Any areas where the sewage sludge produced by the treatment works is stored, treated, or disposed.
- If the treatment works receives waste that is classified as hazardous under the Resource Conservation and Recovery Act (RCRA) by truck, rail, or special pipe, show on the map where that hazardous waste enters the treatment works and where it is treated, stored, and/or disposed.

**B.3. Process Flow Diagram or Schematic.** Provide a diagram showing the processes of the treatment plant, including all bypass piping and all backup power sources or redundancy in the system. Also provide a water balance showing all treatment units, including disinfection (e.g. chlorination and dechlorination). The water balance must show daily average flow rates at influent and discharge points and approximate daily flow rates between treatment units. Include a brief narrative description of the diagram.

**B.4. Operation/Maintenance Performed by Contractor(s).**

Are any operational or maintenance aspects (related to wastewater treatment and effluent quality) of the treatment works the responsibility of a contractor? ☐ Yes ☒ No

If yes, list the name, address, telephone number, and status of each contractor and describe the contractor's responsibilities (attach additional pages if necessary).

Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Responsibilities of Contractor: \_\_\_\_\_

**B.5. Scheduled Improvements and Schedules of Implementation.** Provide information on any uncompleted implementation schedule or uncompleted plans for improvements that will affect the wastewater treatment, effluent quality, or design capacity of the treatment works. If the treatment works has several different implementation schedules or is planning several improvements, submit separate responses to question B.5 for each. (If none, go to question B.6.)

- a. List the outfall number (assigned in question A.9) for each outfall that is covered by this implementation schedule.

\_\_\_\_\_

- b. Indicate whether the planned improvements or implementation schedule are required by local, State, or Federal agencies.

☐ Yes ☐ No

- c. If the answer to B.5.b is "Yes," briefly describe, including new maximum daily inflow rate (if applicable).

- d. Provide dates imposed by any compliance schedule or any actual dates of completion for the implementation steps listed below, as applicable. For improvements planned independently of local, State, or Federal agencies, indicate planned or actual completion dates, as applicable. Indicate dates as accurately as possible.

Implementation Stage	Schedule MM / DD / YYYY	Actual Completion MM / DD / YYYY
- Begin construction	_____	_____
- End construction	_____	_____
- Begin discharge	_____	_____
- Attain operational level	_____	_____

- e. Have appropriate permits/clearances concerning other Federal/State requirements been obtained? ☐ Yes ☐ No

Describe briefly: \_\_\_\_\_

#### B.6. EFFLUENT TESTING DATA (GREATER THAN 0.1 MGD ONLY).

Applicants that discharge to waters of the US must provide effluent testing data for the following parameters. Provide the indicated effluent testing required by the permitting authority for each outfall through which effluent is discharged. Do not include information on combined sewer overflows in this section. All information reported must be based on data collected through analysis conducted using 40 CFR Part 136 methods. In addition, this data must comply with QA/QC requirements of 40 CFR Part 136 and other appropriate QA/QC requirements for standard methods for analytes not addressed by 40 CFR Part 136. At a minimum, effluent testing data must be based on at least three pollutant scans and must be no more than four and one-half years old.

Outfall Number: 1

POLLUTANT	MAXIMUM DAILY DISCHARGE		AVERAGE DAILY DISCHARGE			ANALYTICAL METHOD	ML / MDL
	Conc.	Units	Conc.	Units	Number of Samples		
CONVENTIONAL AND NONCONVENTIONAL COMPOUNDS.							
AMMONIA (as N)	20	mg\l	10	mg\l	4		
CHLORINE (TOTAL RESIDUAL, TRC)	0.030	mg\l	0.010	mg/l	4		
DISSOLVED OXYGEN	12	mg\l	9	mg\l	4		
TOTAL KJELDAHL NITROGEN (TKN)	5.0	mg\l	1.0	mg\l	4		
NITRATE PLUS NITRITE NITROGEN							
OIL and GREASE							
PHOSPHORUS (Total)							
TOTAL DISSOLVED SOLIDS (TDS)							
OTHER							

END OF PART B.

REFER TO THE APPLICATION OVERVIEW TO DETERMINE WHICH OTHER PARTS OF FORM A YOU MUST COMPLETE

## BASIC APPLICATION INFORMATION

### PART C. CERTIFICATION

All applicants must complete the Certification Section. Refer to Instructions to determine who is an officer for the purposes of this certification. All applicants must complete all applicable sections of Form A, as explained in the Application Overview. Indicate below which parts of Form A you have completed and are submitting. By signing this certification statement, applicants confirm that they have reviewed Form A and have completed all sections that apply to the facility for which this application is submitted.

Indicate which parts of Form A you have completed and are submitting:

☐ Basic Application Information packet

Supplemental Application Information packet:

☐ Part D (Expanded Effluent Testing Data)

☐ Part E (Toxicity Testing: Biomonitoring Data)

☐ Part F (Industrial User Discharges and RCRA/CERCLA Wastes)

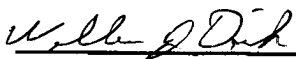
☐ Part G (Combined Sewer Systems)

### ALL APPLICANTS MUST COMPLETE THE FOLLOWING CERTIFICATION.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name and official title William J. Dick Mayor

Signature



Telephone number 606-423-4109

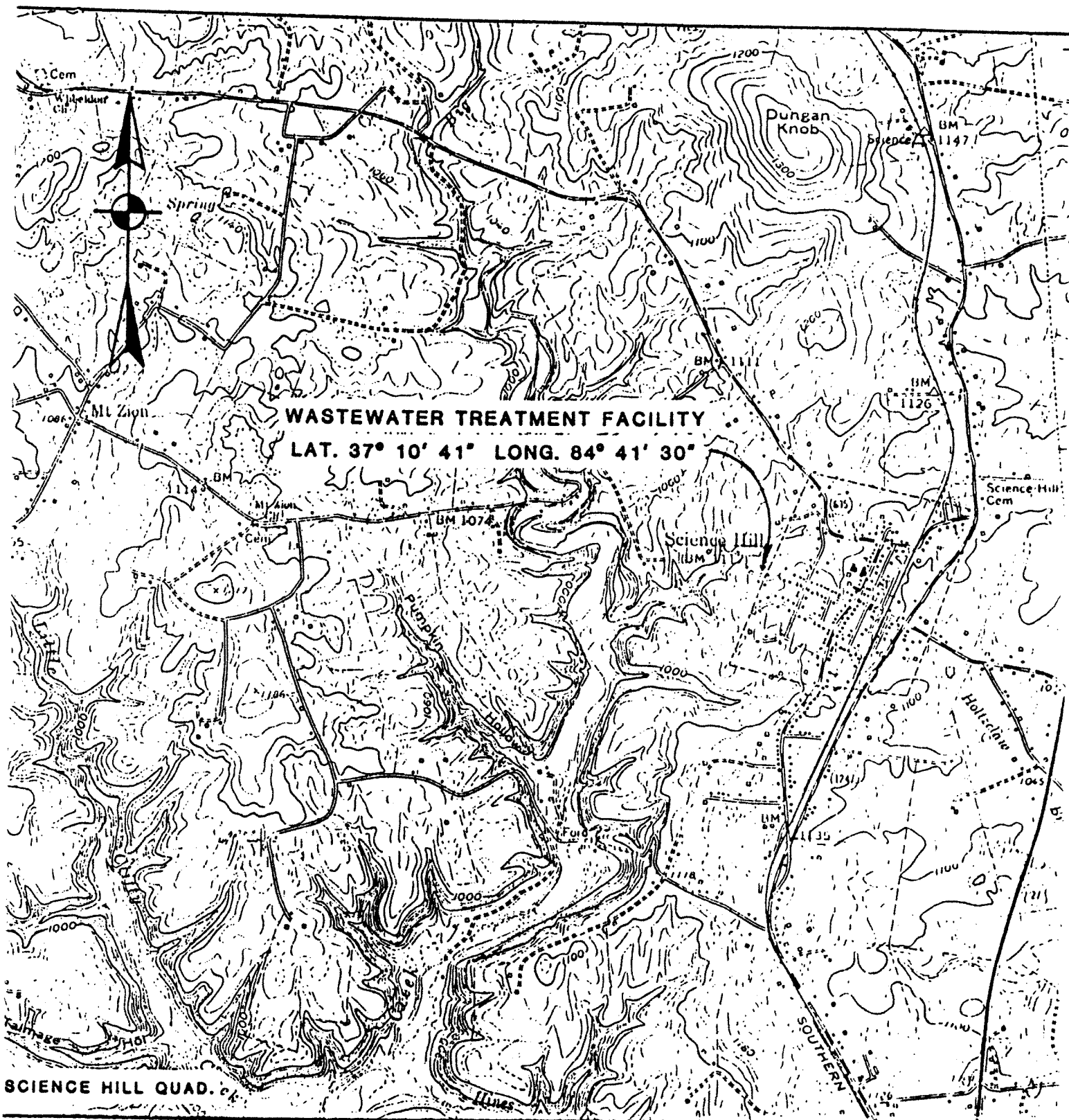
Date signed 05/29/2008

Upon request of the permitting authority, you must submit any other information necessary to assess wastewater treatment practices at the treatment works or identify appropriate permitting requirements.

### SEND COMPLETED FORMS TO:

Division of Water, KPDES Branch  
Inventory & Data Management Section  
Frankfort Office Park  
14 Reilly Road  
Frankfort, Kentucky 40601

For additional information call: (502) 564-2225, extension 465.



LOCATION OF SEWAGE  
TREATMENT FACILITY AND  
DISCHARGE POINT

MAP SOURCE: U.S. GEOLOGICAL  
SURVEY TOPOGRAPHIC  
MAP

# VICINITY MAP CITY OF SCIENCE HILL PULASKI COUNTY, KENTUCKY

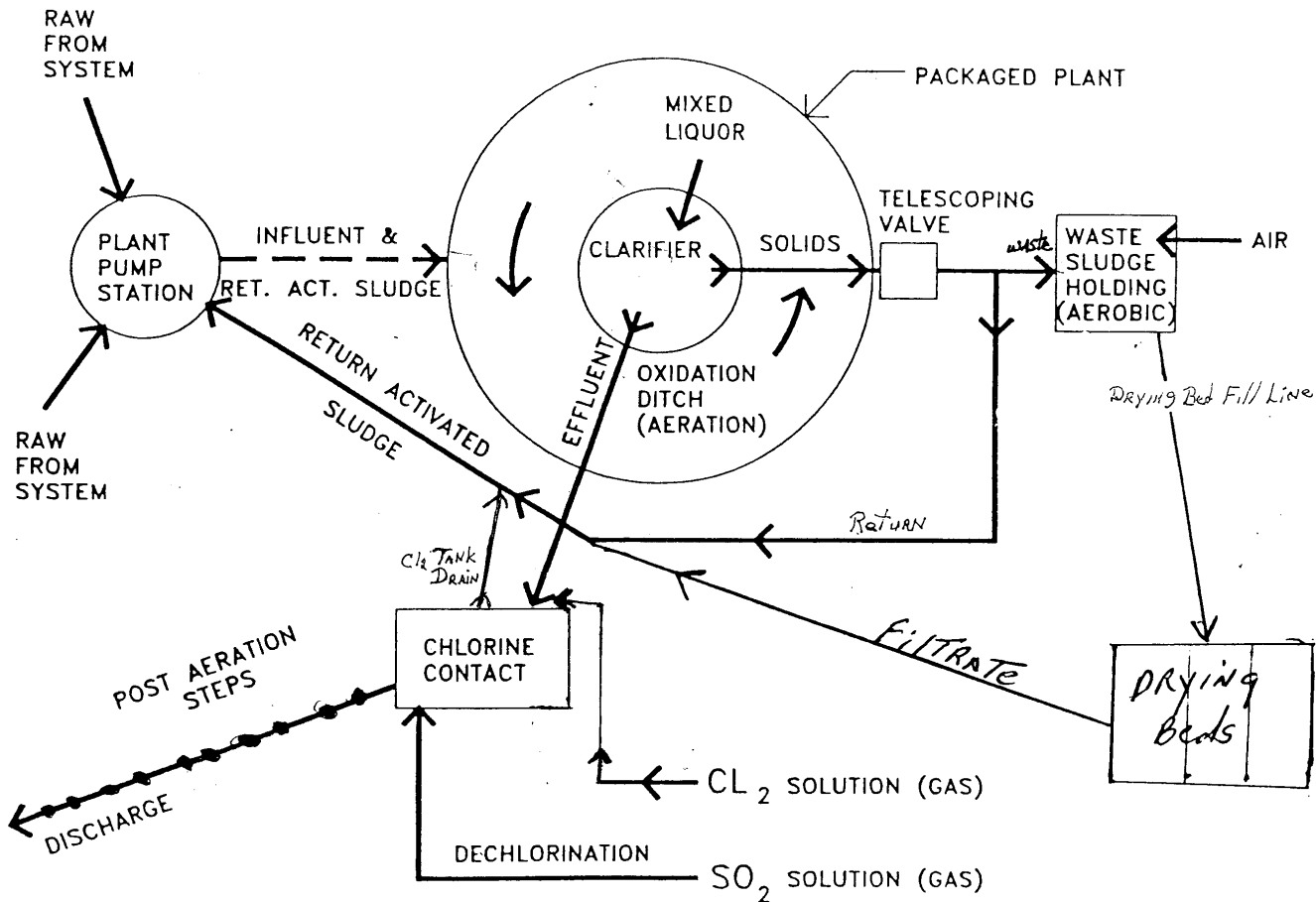
1000 0 1000 2000 3000  
1" = 2000'

UN-NAMED TRIBUTARY TO  
BIG CLIFTY CREEK

DATE: 2-20-90 SHEET 1 OF 2

Babbler's Branch  
UN-NAMED TRIBUTARY

TO BIG  
CLIFTY CREEK



LAT. - 37° 10.66' N  
LONG. - 84° 38.49' W  
ELEV. 1063.0 FT.

# SCHEMATIC FLOW DIAGRAM SCIENCE HILL, KENTUCKY SEWAGE TREATMENT FACILITY